| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|------------------------------|---------------------|---------|------------------|
| S11 0 | 17 | control\$3 with (intended near state) with switch\$2 | US-PGPUB; USPAT | OR | ON | 2007/02/22 10:39 |
| S11 | 166 | (monitor\$3 with switch).ti. | US-PGPUB; USPAT | OR | ON | 2007/02/22 10:40 |
| S11 2 | 321 | (monitor\$3 with switch\$3).ti. | US-PGPUB; USPAT | OR · | ON | 2007/02/22 10:40 |
| S11 3 | 138 | S112 and (load transistor) | US-PGPUB; USPAT | OR | ON | 2007/02/22 13:45 |
| S11 4 | 118 | S113 and ((@ad @rlad)<="20020225") | US-PGPUB; USPAT | OR | ON | 2007/02/22 10:56 |
| S11 5 | 8 | ("4820968" "4896245" "4945445" "4967309" "5119265" "5541806" "5804979" "5920452").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/22 13:10 |
| S11 6 | 1481 | 324/713,126,715.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/22 13:10 |
| S11 7 | 104 | S112 and (load transducer) | US-PGPUB; USPAT | OR | ON | 2007/02/22 13:45 |
| S11 8 | 6 | ("4642748").URPN. | USPAT | OR | OFF | 2007/02/22 15:51 |
| S11 9 | 990 | 361/160,189.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/02/27 15:55 |
| S12 0 | 439 | S119 and ((@ad @rlad)<="20020225") | US-PGPUB; USPAT | OR | OFF | 2007/02/27 17:23 |
| S12 1 | 344 | S120 and switch | US-PGPUB; USPAT | OR | OFF | 2007/02/27 15:56 |
| S12 2 | 219 | S120 and (switch same off) | US-PGPUB; USPAT | OR | OFF | 2007/02/27 15:58 |
| S12 3 | 16 | S122 and (sticking welded) | US-PGPUB; USPAT | OR | OFF | 2007/02/27 16:00 |
| S12 4 | 6462 | contacts same (sticking welded) | USPAT | OR | OFF | 2007/02/27 16:00 |
| S12 5 | 353 | S124 same (sense detect\$3 sensor) | USPAT | OR | OFF | 2007/02/27 16:00 |
| S12 6 | . 58 | S125 same off | USPAT | OR . | OFF | 2007/02/27 16:01 |
| S12 7 | 21 | S126 same (motor actuator solenoid coil) | USPAT | OR | OFF | 2007/02/27 16:01 |
| S12 8 | 5 | ("4926903" "5305791" "5465757" "5730165" "6554248").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 17:22 |

| S12 9 | 293 | 307/326.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 17:23 |
|----------|--------|---|------------------------------|----|-------|------------------|
| S13 0 | 2632 | 307/326,328,85,140,141.8,139.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 17:23 |
| S13 1 | 1015 | S130 and ((@ad @rlad)<="20020225") | US-PGPUB; USPAT | OR | OFF . | 2007/02/27 17:23 |
| S13 2 | 25 | S131 and ((switch contact) same (sticking welded)) | US-PGPUB; USPAT | OR | OFF | 2007/02/27 17:25 |
| S13 3 | 22 | S131 and ((switch contact) same (sticking welded)) | USPAT | OR | OFF | 2007/02/27 17:25 |
| S13 4 | 6 | ("4767941" "4992904" "5412528" "5825102" "6297569" "6359763").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:24 |
| S13 5 | 34949 | (monitor sense) same (switch switching) same (frequency rate speed) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:25 |
| S13 6 | 8592 | S135 same (reduce lower) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:25 |
| S13 7 | 606 | S136 same threshold | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:26 |
| S13 8 | 126300 | "361".clas. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:26 |
| S13 9 | 50919 | "307".clas. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:26 |
| S14 0 | 42 | S137 and (S138 S139) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:26 |
| S14 1 | 12 | S140 and ((@ad @rlad)<="20020225") | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:51 |
| S14 2 | 168908 | S138 S139 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:33 |
| S14 3 | 178 | S142 and (reduce with switching with frequency) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/02/27 22:33 |
| S14 4 | 113 | S143 and ((@ad @rlad)<="20020225") | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:34 |

| S14 5 | 46 | S144 and (sense monitor) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:35 |
|----------|-------|---|------------------------------|------|-----|------------------|
| S14 6 | 18 | S145 and (fault\$2 non-functional) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:50 |
| S14 7 | 13685 | 307/112-144.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:51 |
| S14 8 | 4328 | S147 and ((@ad @rlad)<="20020225") | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:00 |
| S14 9 | 19 | S148 and ((determine monitor) with (switch switching) with frequency) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:59 |
| S15 0 | 1394 | 361/160,189.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 22:59 |
| S15 1 | 439 | S150 and ((@ad @rlad)<="20020225") | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:08 |
| S15 2 | 0 | S151 and (monitor near frequency) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:00 |
| S15 3 | 2 | S151 and (reduce near frequency) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:01 |
| S15 4 | . 0 | S151 and (reduce near switching) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:01 |
| S15 5 | . 3 | S151 and ((reduce lower) with (frequency speed) with switching) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:03 |
| S15 6 | 4 | S151 and ((reduce lower) with (frequency rate) with switching) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:07 |
| S15 7 | 18915 | switching near frequency | US-PGPUB; USPAT; USOCR | OR · | OFF | 2007/02/27 23:08 |
| S15 8 | 12316 | S157 and ((@ad @rlad)<="20020225") | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/28 00:01 |
| S15 9 | 6962 | S158 and load | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:08 |

| S16 0 | 41 | S159 and (decrease near duty near cycle) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:09 |
|----------|-----|--|------------------------------|----|-----|------------------|
| S16 1 | 37 | S160 and compare\$2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:27 |
| S16 2 | 3 | (monitor\$ with switch with frequency).ti. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:28 |
| S16 3 | 1 | (monitor\$ with switching with frequency).ti. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:28 |
| S16 4 | 0 | (monitor\$ with switching with cycle).ti. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:28 |
| S16 5 | 0 | (monitor\$ with switch with rate).ti. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:28 |
| S16 6 | 1 | (monitor\$ with switching with rate). ti. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:29 |
| S16 7 | 21 | (control\$3 with switching with rate). ti. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:34 |
| S16 8 | 49 | switching near (rate frequency) near threshold | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:35 |
| S16 9 | 9 | S168 and duty | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:47 |
| S17 0 | 0 | (monitor\$3 with spin with cycle).ti. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:47 |
| S17 1 | 26 | monitor\$3 with spin with cycle | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/27 23:47 |
| S17 2 | 13 | S171 and switch\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/28 00:00 |
| S17 3 | 233 | switching near (speed frequency) near limit | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/28 00:00 |
| S17 4 | 53 | S173 and duty | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/02/28 00:01 |

| S17 5 | 26 | S174 and ((@ad @rlad)<="20020225") | US-PGPUB; USPAT; | OR | OFF | 2007/02/28 00:01 |
|----------|----|---------------------------------------|---------------------|----|-----|------------------|
| | | | USOCR | | | |